

FIG. 1

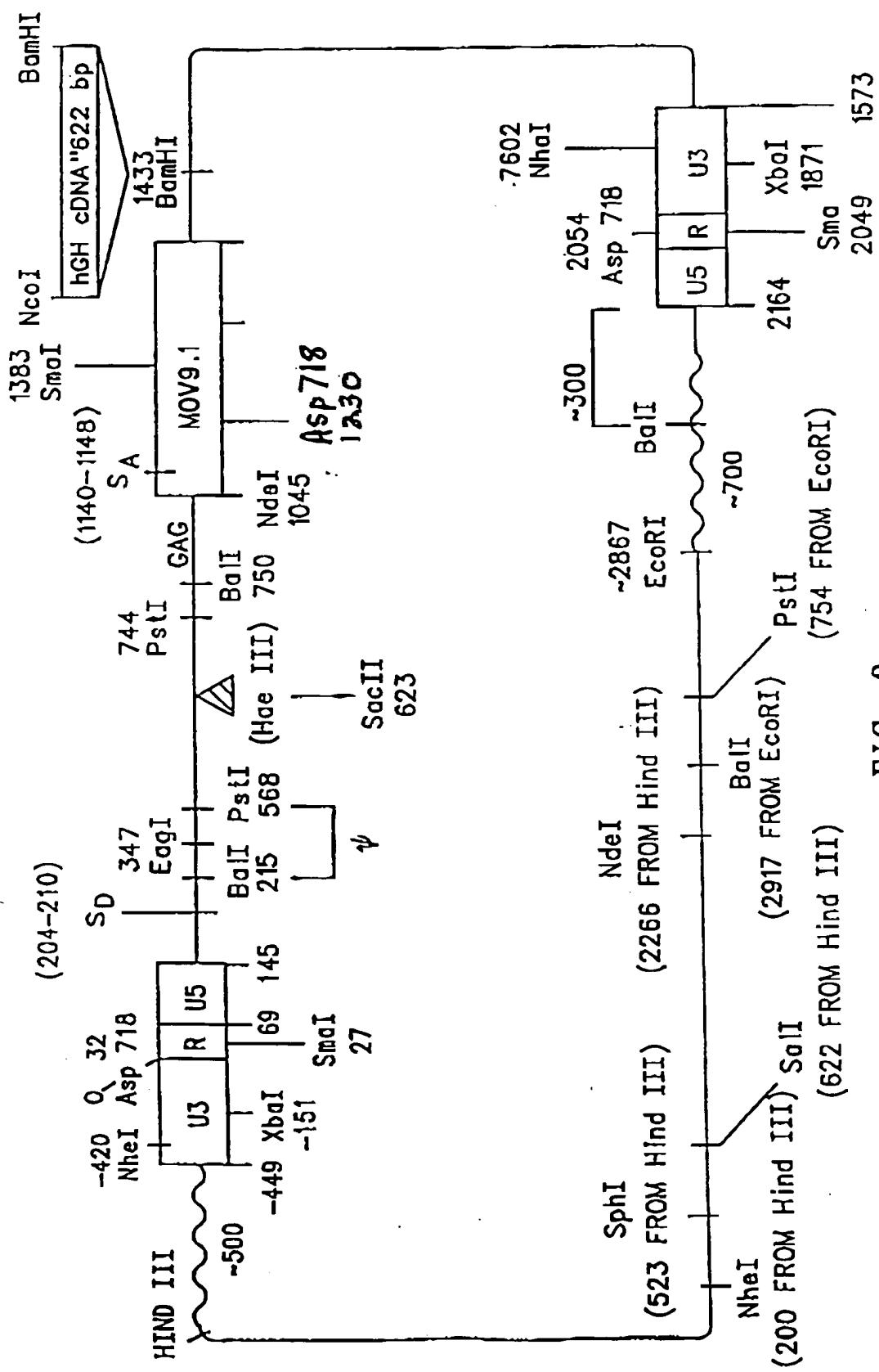


FIG. 3

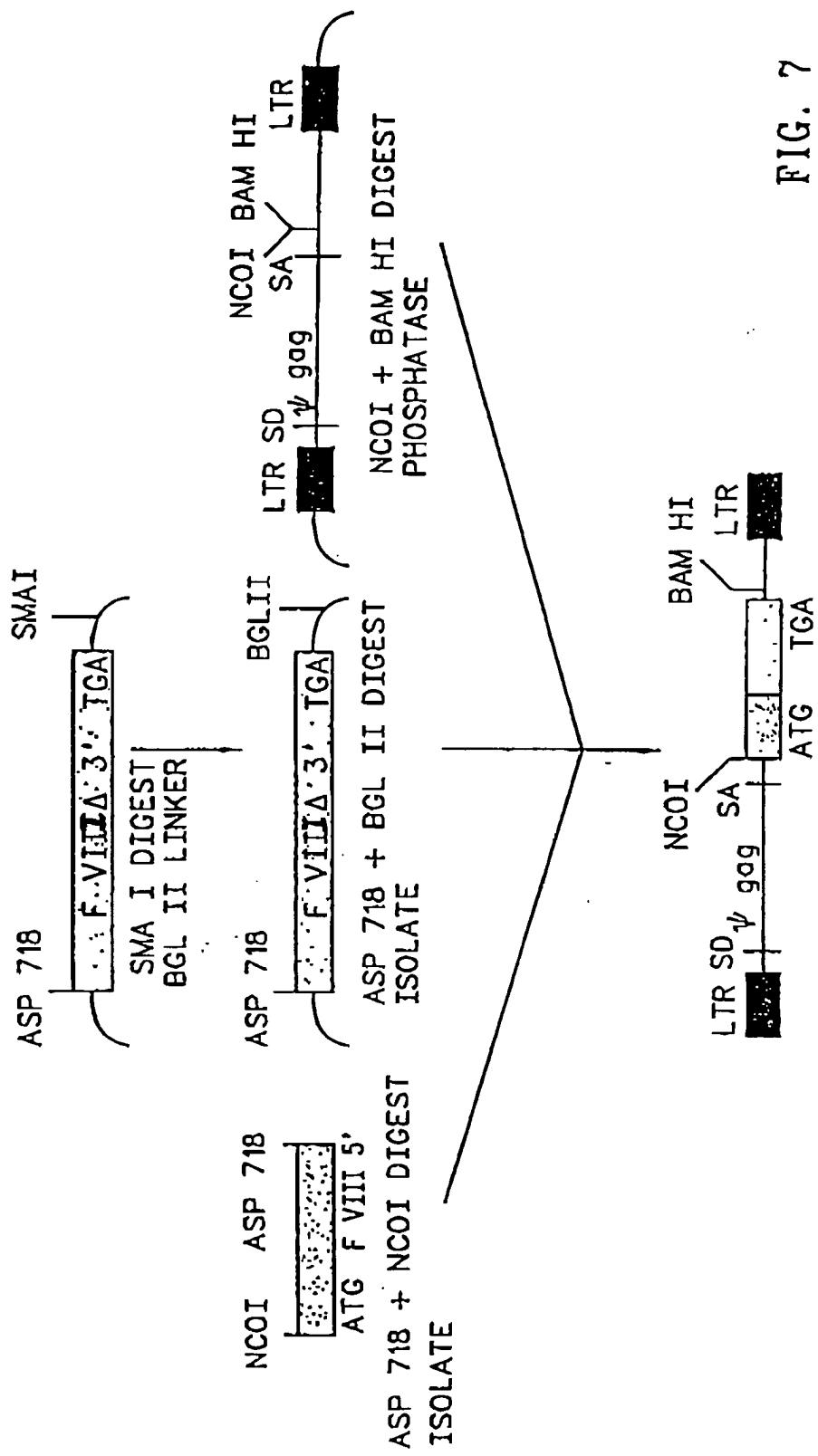




FIG. 8

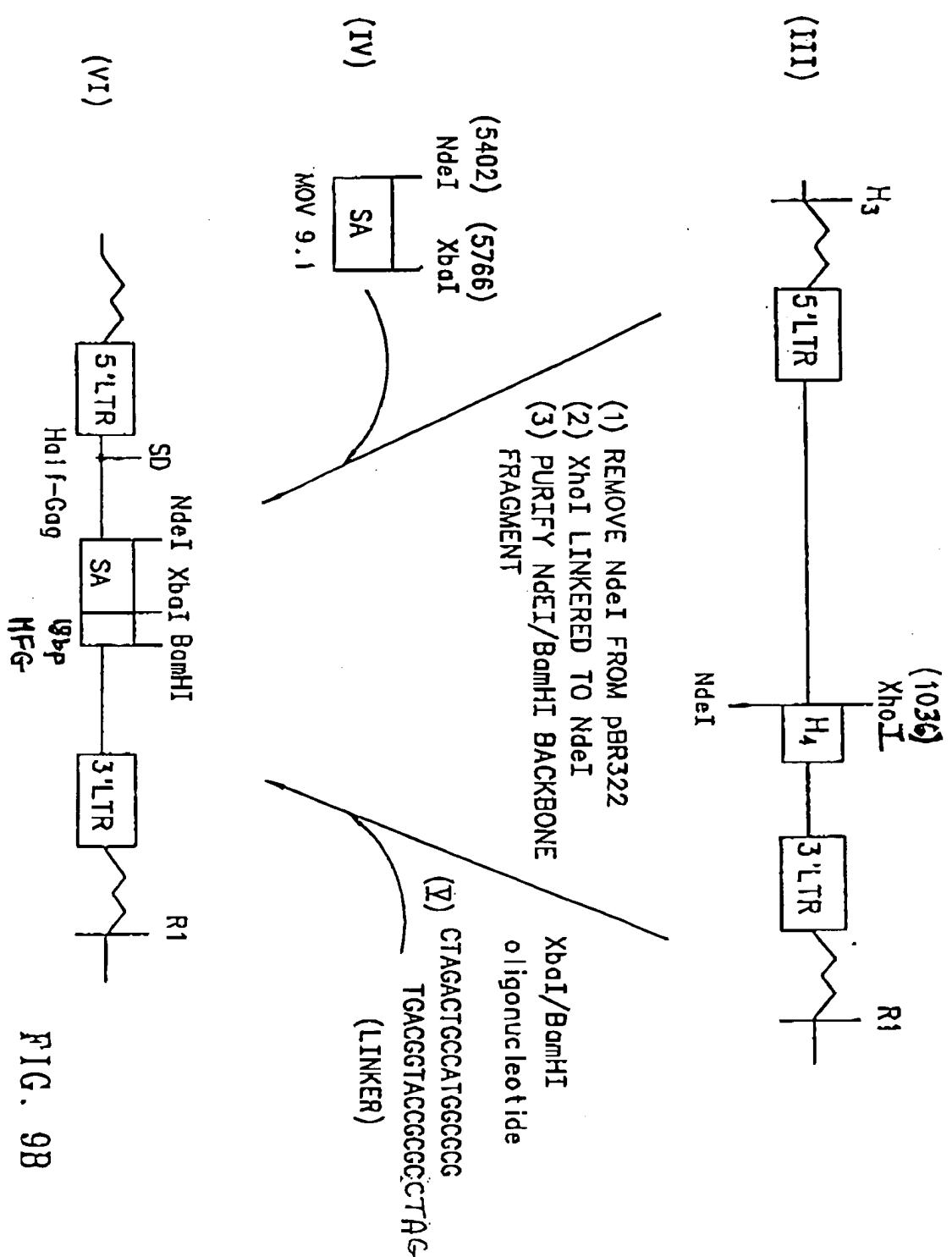
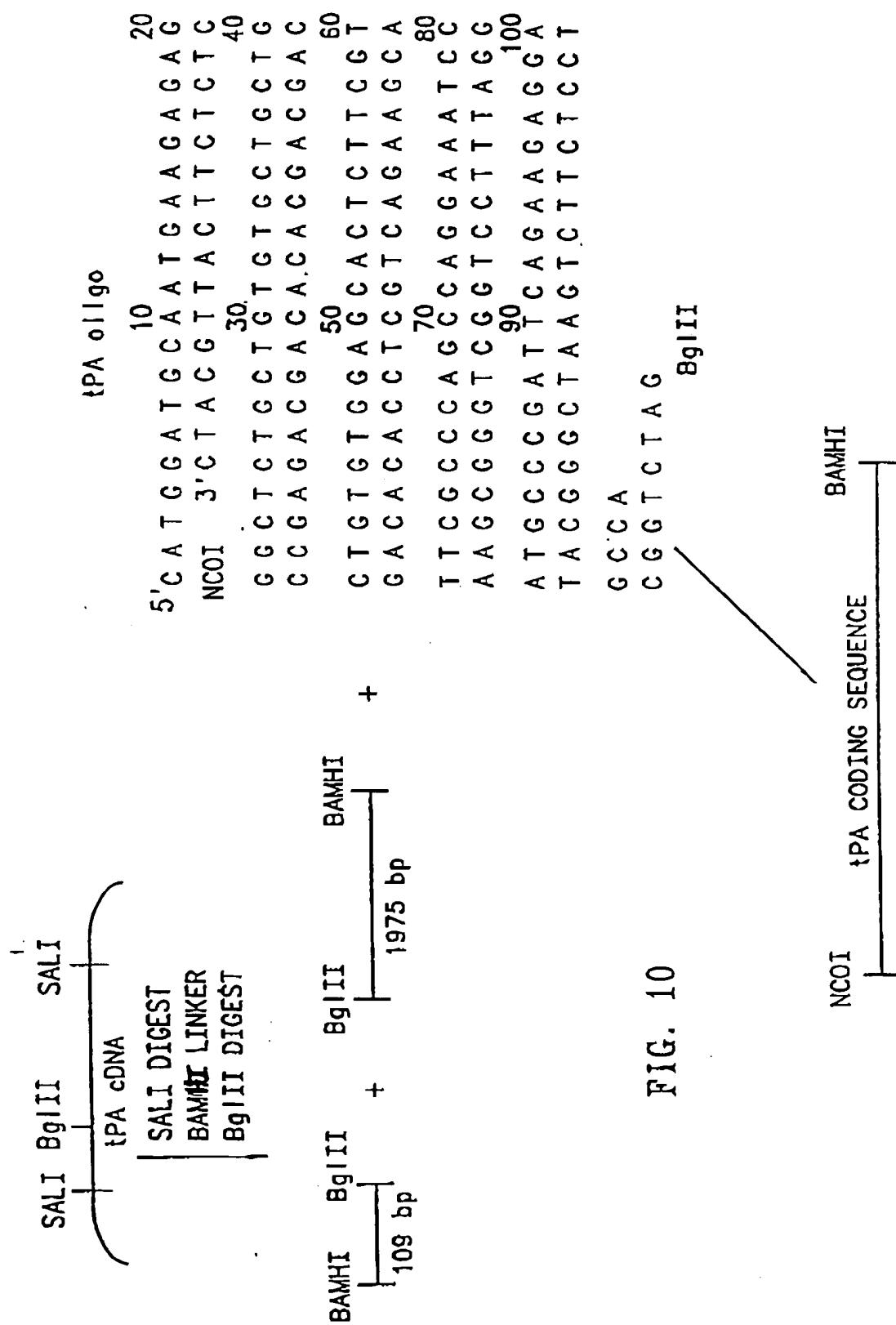


FIG. 9B



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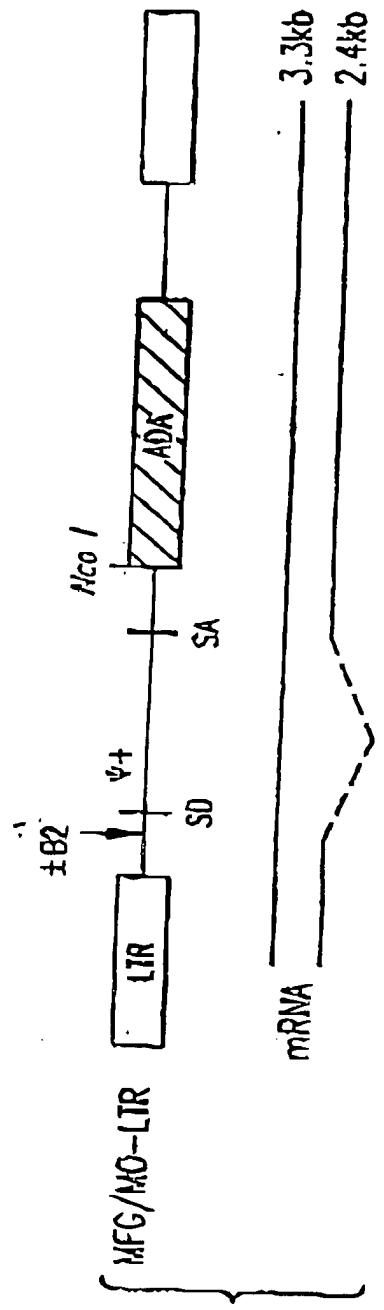


FIG. 11A

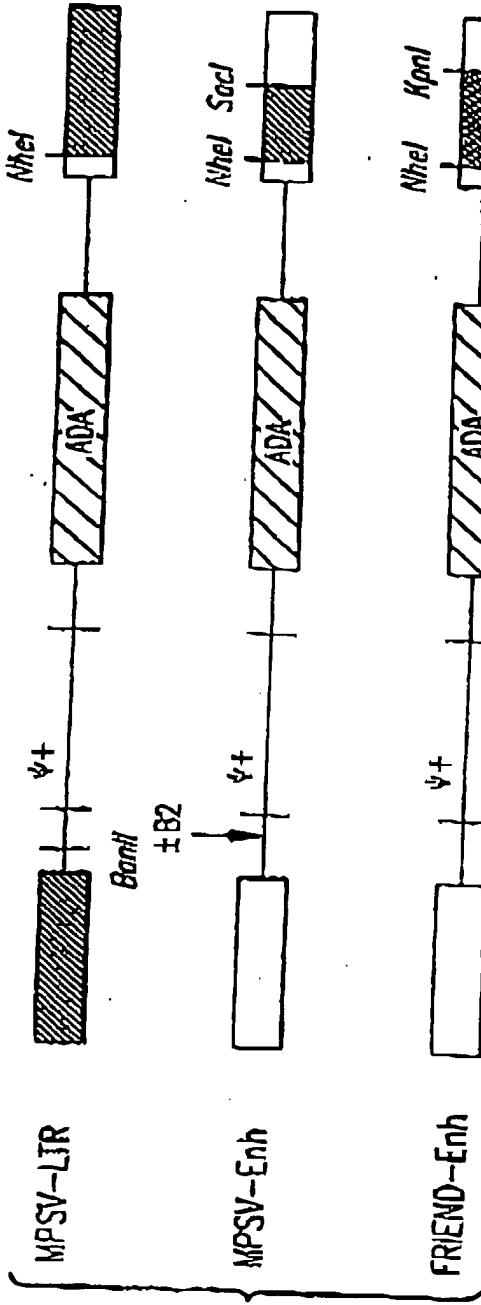


FIG. 11B

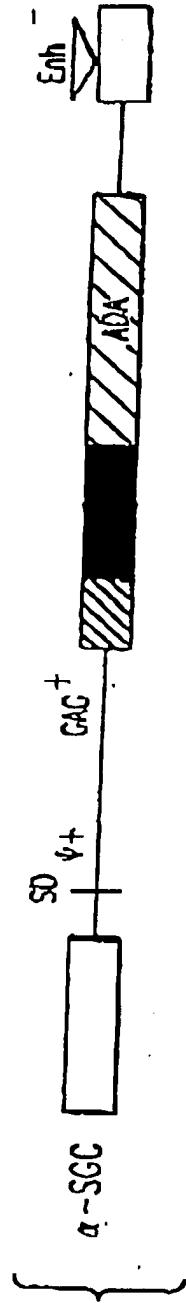


FIG. 11C

FIG. 15

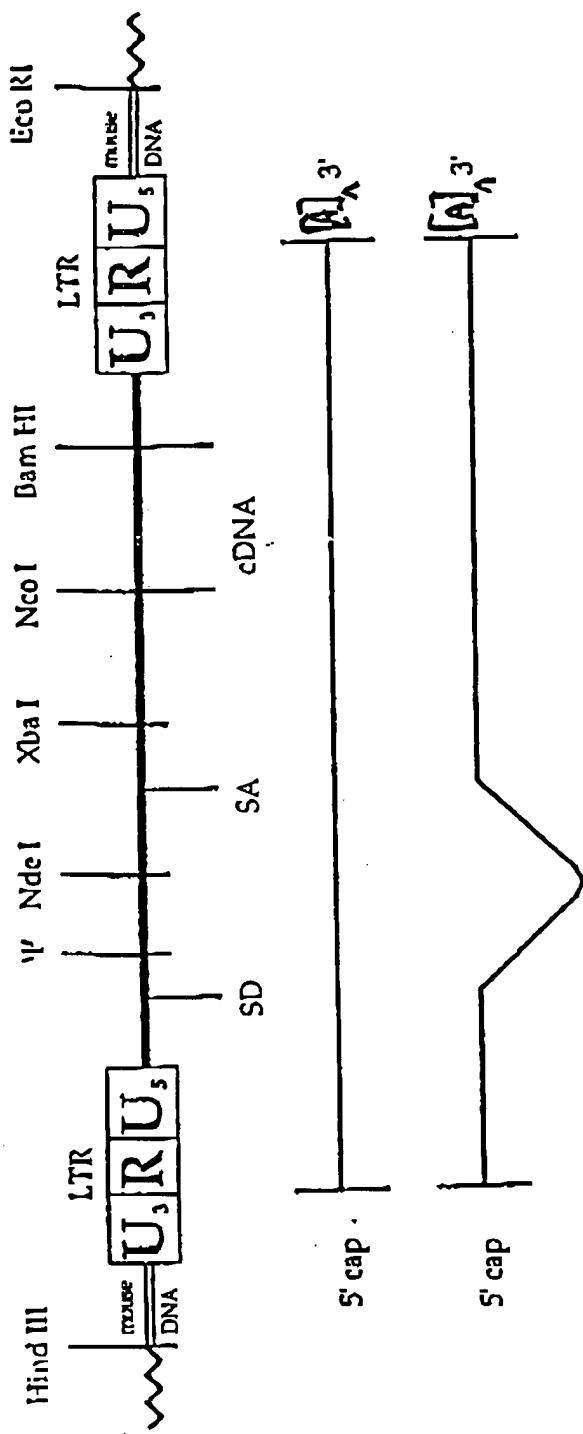


FIG. 17

1 AAGCTTTGCT CTTAGGAGTT TCCTAATACA TCCCAAACTC AAATATATAA AGCATTGAC
TCGAAACGA GAATCCTCAA AGGATTATGT AGGGTTGAG TTTATATATT TCGTAACTG

61 TTGTTCTATG CCCTAGGGGG CGGGGGGAAG CTAAGCCAGC TTTTTTTAAC ATTTAAAATG
AACAAAGATAC GGGATCCCCC GCCCCCCTTC GATTCGGTGC AAAAAAAATG TAAATTTAC

121 TTAATTCCAT TTTAAATGCA CAGATGTTT TATTCATAA GGGTTCAAT GTGCATGAAT
AATTAAGGTA AAATTTACGT GTCTACAAAA ATAAAGTATT CCCAAAGTTA CACGTACTTA

181 GCTGCAATAT TCCTGTTACC AAAGCTAGTA TAAATAAAAA TAGATAAACG TGGAAATTAC
CGACGTTATA AGGACAATGG TTTCGATCAT ATTTATTTT ATCTATTGCA ACCTTTAATG

241 TTAGAGTTTC TGTCACTAAC GTTCCCTCC TCAGTTGACA ACATAAATGC GCTGCTGAGC
AATCTCAAAG ACAGTAATTG CAAAGGAAGG AGTCAACTGT TGTATTACG CGACGACTCG

301 AAGCCAGTT GCATCTGTCA GGATCAATT CCCATTATGC CAGTCATATT AATTACTAGT
TTCGGTCAAA CGTAGACAGT CCTAGTTAAA GGGTAATACG GTCAGTATAA TTAATGATCA

361 CAATTAGTTG ATTTTTATT TTGACATATA CATGTGAATG AAAGACCCCA CCTGTAGGTT
GTTAATCAAC TAAAAATAAA AACTGTATAT GTACACTTAC TTTCTGGGT GGACATCCAA

421 TGGCAAGCTA GCTTAAGTAA CGCCATTGTTG CAAGGCATGG AAAAATACAT AACTGAGAAT
ACCGTTCGAT CGAATTCAATT GCGGTAAAC GTTCCGTACC TTTTATGTA TTGACTCTTA

481 AGAAAAGTC AGATCAAGGT CAGGAACAGA TGGAACAGCT GAATATGGC CAAACAGGAT
TCTTTCAAG TCTAGTTCCA GTCCTTGTCT ACCTTGTCA CTTATACCCG GTTGTCTTA

541 ATCTGTGGTA AGCAGTTCCCT GCCCCGGCTC AGGGCCAAGA ACAGATGGAA CAGCTGAATA
TAGACACCAT TCGTCAAGGA CGGGGCCGAG TCCCAGGTTCT TGTCTACCTT GTGACTTAT

601 TGGGCCAAC AGGATATCTG TGGTAAGCAG TTCCCTGCCCG GGCTCAGGGC CAAGAACAGA
ACCCGGTTTG TCCTATAGAC ACCATTGTC AAGGACGGGG CCGAGTCCCG GTTCTGTCT

661 TGGTCCCCAG ATGCCGTCCA GCCCTCAGCA GTTTCTAGAG AACCATCAGA TGTTCCAGG
ACCAAGGGTC TACGCCAGGT CGGGAGTCGT CAAAGATCTC TTGGTAGTCT ACAAAAGGTCC

721 GTGCCCAAG GACCTGAAAT GACCCCTGTGC CTTATTTGAA CTAACCAATC AGTTGCTTC
CACGGGGTTC CTGGACTTTA CTGGGACACG GAATAAAACTT GATTGGTTAG TCAAGCGAAG

781 TCGCTTCGT TCGCGCGCTT CTGCTCCCCG AGCTCAATAA AAGAGCCAC AACCCCTCAC
AGCGAAGACA AGCGCGCGAA GACGAGGGGC TCGAGTTATT TTCTCGGGTG TTGGGGAGTG

841 TCGGGGCCAG AGTCCTCCGA TTGACTGAGT CGCCCGGGTA CCCGTGTATC CAATAAACCC
AGCCCCGGGG TCAGGAGGCT AACTGACTCA GCGGGCCCAT GGGCACATAG GTTATTGGG

901 TCTTGCAGTT GCATCCGACT TGTGGTCTCG CTGTTCTTG GGAGGGTCTC CTCTGAGTGA
AGAACGTCAA CGTAGGCTGA ACACCAAGAGC GACAAGGAAC CCTCCCAGAG GAGACTCACT

961 TTGACTACCC GTCAGCGGGG GTCTTCATT TGGGGCTCG TCCGGGATCG GGAGACCCCT
AACTGATGGG CAGTCGCCCC CAGAAAGTAA ACCCCCGAGC AGGCCCTAGC CCTCTGGGG

1021 GCCCAGGGAC CACCGACCCA CCACCGGGAG GTAAGCTGGC CAGCAACTTA TCTGTGTCTG
CGGGTCCCTG GTGGCTGGGT GGTGGCCCTC CATTGACCG GTCGTTGAAT AGACACAGAC

2281 GCGCGGATCC GGATTAGTCC AATTGTTAA AGACAGGATA TCAAGGGTCC AGGCTCTAGT CGCGCCTAGG CCTAATCAGG TTAAACAATT TCTGTCCTAT AGTCACCCAGG TCCGAGATCA

2341 TTTGACTCAA CAATATCACC AGCTGAAGCC TATAGAGTAC GAGCCATAGA TAAAATAAAA AAACTGAGTT GTTATAGTGG TCGACTTCGG ATATCTCATG CTCGGTATCT ATTTTATTT

2401 GATTTTATTAGTCTCCAGA AAAAGGGGGG AATGAAAGAC CCCACCTGTA GGTTTGGCAA CTAAAATAAA TCAGAGGTCT TTTTCCCCCC TTACTTTCTG GGGTGGACAT CCAAACCGTT

2461 GCTAGCTTAA GTAACGCCAT TTTGCAAGGC ATGGAATAAT ACATAACTGA GAATAGAGAA CGATCGAATT CATTGCGGTAA AACCGTTCCG TACCTTTTA TGTATTGACT CTTATCTCTT

2521 GTTCAGATCA AGGTCAAGGAA CAGATGGAAC AGCTGAATAT GGGCCAAACA GGATATCTGT CAAGTCTAGT TCCAGTCCTT GTCTACCTTG TCGACTTATA CCCGGTTTGT CCTATAGACA

2581 GGTAAGCAGT TCCTGCCCCG GCTCAGGGCC AAGAACAGAT GGAACAGCTG AATATGGGCC CCATTCGTCA AGGACGGGGC CGAGTCCCAGT TTCTGTCTA CCTTGTGAC TTATACCCGG

2641 AAACAGGATA TCTGTGGTAA GCAGTTCTG CCCCCGGCTCA GGGCCAAGAA CAGATGGTCC TTTGTCCTAT AGACACCATT CGTCAAGGAC GGGGGCGAGT CCCGGTTCTT GTCTACCCAGG

2701 CCAGATGCGG TCCAGCCCTC AGCAGTTCT AGAGAACCAT CAGATGTTTC CAGGGTGGCC GGTCTACGCC AGGTGGGAG TCGTCAAAGA TCTCTGGTA GTCTACAAAG GTCCCACGGG

2761 CAAGGACCTG AAATGACCCCT GTGCCTTATT TGAACTAACC AATCAGTTCG CTTCTCGCTT GTTCTGGAC TTTACTGGGA CACGGAATAA ACTTGATTGG TTAGTCAAGC GAAGAGCGAA

2821 CTGTTCGCGC GCTTCTGCTC CCCGAGCTCA ATAAAAGAGC CCACAACCCC TCACTCGGGG GACAAGCGCG CGAAGACGAG GGGCTCGAGT TATTTTCTCG GGTGTTGGGG AGTGAGCCCC

2881 CGCCAGTCCT CCGATTGACT GAGTCGCCCG GGTACCCGTG TATCCAATAA ACCCTCTTGC GCGGTAGGA GGCTAACTGA CTCAGCGGGC CCATGGGCAC ATAGGTTATT TGGGAGAACG

2941 AGTTGCATCC GACTTGTGGT CTCGCTGTT CTTGGGAGGG TCTCCTCTGA GTGATTGACT TCAAACGTAGG CTGAACACCA GAGCGACAAG GAACCCCTCCC AGAGGAGACT CACTAACTGA

3001 ACCCGTCAGC GGGGGTCTTT CACACATGCA GCATGTATCA AAATTAATTG GTTTTTTTT TGGGCAGTCG CCCCCAGAAA GTGTGTACGT CGTACATAGT TTTAATTAAA CCAAAAAAAA

3061 CTTAAGTATT TACATTAAAT GGCCATAGTA CTTAAAGTTA CATTGGCTTC CTTGAAATAA GAATTCAATAA ATGTAATTAA CCGGTATCAT GAATTCAAT GTAACCGAAG GAACTTTATT

3121 ACATGGAGTA TTCAAGAATGT GTCATATAATA TTTCTAATTG TAAGATAGTA TCTCCATTGG TGTACCTCAT AAGTCTTACA CAGTATTAT AAAGATTAAA ATTCTATCAT AGAGGTAACC

3181 CTTTCTACTT TTTCTTTTAT TTTTTTTGT CCTCTGTCTT CCATTTGTTG TTGTTGTTGT GAAAGATGAA AAAGAAAATA AAAAAAAACA GGAGACAGAA GGTAAACAAAC AACAAACAACA

3241 TTGTTTGTCTT GTTTGTTGGT TGGTTGGTTA ATTTTTTTT AAAGATCCTA CACTATAGTT AACAAACAAA CAAACAAACCA ACCAACCAAT TAAAAAAATA TTTCTAGGAT GTGATATCAA

3301 CAAAGCTAGAC TATTAGCTAC TCTGTAACCC AGGGTGACCT TGAAGTCATG GGTAGCCTGC GTTCGATCTG ATAATCGATG AGACATTGGG TCCCACTGGA ACTTCAGTAC CCATCGGACG

3361 TGTTTTAGCC TTCCCCACATC TAAGATTACA GGTATGAGCT ATCATTGTTG GTATATTGAT ACAAAATCGG AAGGGTGTAG ATTCTAATGT CCATACTCGA TAGTAAAAAC CATATAACTA

3421 TGATTGATTG ATTGATGTGT GTGTGTGTGA TTGTGTTGT GTGTGTGANT GTGWANATGT ACTAACTAAC TAATCACACA CACACACACT AACACAAACA CACACACTNA CACWTNTACA

FIG. 17

1081 TCCGATTGTC TAGTGTCTAT GACTGATTG ATGCCCTG GTCGGTACTA GTTAGCTAAC
 AGGCTAACAG ATCACAGATA CTGACTAAAA TACCGGACG CAGCCATGAT CAATCGATTG
 1141 TAGCTCTGTA TCTGGCGGAC CCGTGGTGGG ACTGACGAGT TCGAACACCC CGGCCGCAAC
 ATCGAGACAT AGACCGCTG GGCACCCACT TGACTGCTCA AGCCTTGCG GCCGGCGTTG
 1201 CCTGGGAGAC GTCCCAGGGG CTTCGGGGCG CGTTTTGTTG GCCCGACCTG AGTCCTAAAA
 GGACCCCTCTG CAGGGTCCCT GAAGCCCCCG GCAAAACAC CGGGCTGGAC TCAGGATTTT
 1261 TCCCGATCGT TTAGGACTCT TTGGTGCACC CCCCTTAGAG GAGGGATATG TGGTTCTGGT
 AGGGCTAGCA AATCCTGAGA AACACAGTGG GGGGAATCTC CTCCCTATAC ACCAAGACCA
 1321 AGGAGACGAG AACCTAAAAC AGTTCCCAGG TCCGTCTGAA TTTTGCTTT CGGTTGGGA
 TCCTCTGCTC TTGGATTTG TCAAGGGCGG AGGCAGACTT AAAAACGAAA GCCAAACCT
 1381 CCGAAGCCGC GCCGCGCGTC TTGTCTGCTG CAGCATCGTT CTGTGTTGTC TCTGCTGAC
 GGCTTCGGCG CGGCAGCGAC AACAGACGAC GTCGTAGCAA GACACAACAG AGACAGACTG
 1441 TGTGTTCTG TATTGTCTG AAAATATGGG CCCGGGCTAG ACTGTTACCA CTCCCTTAAG
 ACACAAAGAC ATAAACAGAC TTTTATACCC GGGCCCGATC TGACAATGGT GAGGAAATT
 1501 TTTGACCTTA GGTCACTGGA AAGATGTCGA GCGGATCGCT CACAACCAGT CGGTAGATGT
 AAACCTGGAAT CCAGTGACCT TTCTACAGCT CGCTTAGCGA GTGTTGGTCA GCCATCTACA
 1561 CAAGAAGAGA CGTTGGGTTA CCTTCTGCTC TGCAGAATGG CCAACCTTTA ACGTCGGATG
 GTTCTTCTCT GCAACCCAAT GGAAGACGAG ACGTCTTACC GGTTGGAAAT TGCAGCCTAC
 1621 GCCGCGAGAC GGCACCTTTA ACCGAGACCT CATCACCCAG GTTAAGATCA AGGTCTTTTC
 CGCGCTCTG CCGTGGAAAT TGGCTCTGGA GTAGTGGGTC CAATTCTAGT TCCAGAAAAG
 1681 ACCTGGCCCG CATGGACACC CAGACCAGGT CCCCTACATC GTGACCTGGG AAGCCTGGC
 TGGACCGGGC GTACCTGTGG GTCTGGTCCA GGGGATGTAG CACTGGACCC TTCGGAACCG
 1741 TTTGACCCCC CCTCCCTGGG TCAAGCCCTT TGACACCCCT AAGCCTCCGC CTCCCTTCC
 AAAACTGGGG GGAGGGACCC AGTCGGGAA ACATGTGGGAA TTCGGAGGCG GAGGAGAAGG
 1801 TCCATCCGCC CCGTCTCTCC CCCTTGAAACC TCCTCGTTG ACCCCGCGCTC GATCCTCCCT
 AGGTAGGCCG GGCAAGAGAGG GGGAACTTGG AGGAGCAAGC TGGGGCGGAG CTAGGAGGGA
 1861 TTATCCAGCC CTCACTCCCT CTCTAGGGCG CCCCATATGG CCATATGAGA TCTTATATGG
 AATAGGTCCG GAGTGAGGAA GAGATCCCGC GGGGTATAACC GGTATACTCT AGAATATACC
 1921 GGCACCCCCCG CCCCTGTAA ACTTCCCTGA CCCTGACATG ACAAGAGTTA CTAACAGCCC
 CCGTGGGGGC GGGGAACATT TGAAGGGACT GGGACTGTAC TGTTCTCAAT GATTGTCGGG
 1981 CTCTCTCCAA GCTCACTTAC AGGCTCTCTA CTTAGTCCAG CACGAAGTCT GGAGACCTCT
 GAGAGAGGTT CGAGTGAATG TCCGAGAGAT GAATCAGGTC GTGCTTCAGA CCTCTGGAGA
 2041 GGCGGCAGCC TACCAAGAAC AACTGGACCG ACCGGTGGTA CCTCACCCCT ACCGAGTCGG
 CGCCGCTCGG ATGGTTCTTG TTGACCTGGC TGGCCACCAT GGAGTGGGAA TGGCTCAGCC
 2101 CGACACAGTG TGGGTCCGCC GACACCAGAC TAAGAACCTA GAACCTCGCT GGAAAGGACC
 GCTGTGTCAC ACCCAGGCCG CTGTGGTCTG ATTCTTGGAT CTTGGAGCGA CCTTCTGG
 2161 TTACACAGTC CTGCTGACCA CCCCCACCGC CCTCAAAGTA GACGGCATCG CAGCTTGGAT
 AATGTGTCAG GACGACTGGT GGGGGTGGG GGAGTTTCAT CTGCCGTAGC GTCGAACCTA
 2221 ACACGCCGCC CACGTGAAGG CTGCCGACCC CGGGGGTGGG CCATCCTCTA GACTGCCATG
 TGTGCGGCCG GTGCACTTCC GACGGCTGGG GCCCCCCACCT GGTAGGAGNT CTGACGGTAC

FIG. 17

3481 GTGTATGGNT GTGTGTGAKT GTGTGTATGT ATGNYTGTGT GTGANTGYGT GTGTGTGANT
 CACATACCCA CACACACTMA CACACATACA TACNRACACA CACTNACRCA CACACACTNA
 3541 GTGCATGTGT GTGTGTGTGA CTGTGTCTAT GTGTATGACT GTGTGTGTGT GTGTGTGTGT
 CACGTACACA CACACACACT GACACAGATA CACATACTGA CACACACACA CACACACACA
 3601 GTGTGTGTGT GTGTGTGTGT GTGTGTTGTG AAAAAATATT CTATGGTAGT GAGAGCCAAC
 CACACACACA CACACACACA CACACAACAC TTTTTTATAA GATACCATCA CTCTCGGTTG
 3661 GCTCCGGCTC AGGTGTCAGG TTGGTTTTTG AGACAGAGTC TTTCACTTAG CTTGGAATTC
 CGAGGCCGAG TCCACAGTCC ACCAAAAAAC TCTGTCTCAG AAAGTGAATC GAACCTTAAG
 3721 TTGAAGACGA AAGGGCCTCG TGATACGCCCT ATTTTATAG GTTAATGTCA TGATAATAAT
 AACTTCTGCT TTCCCGGAGC ACTATGCGGA TAAAAATATC CAATTACAGT ACTATTATTA
 3781 GGTTTCTTAG ACGTCAGGTG GCACCTTTCTG GGGAAATGTG CGCGGAACCC CTATTGTTT
 CCAAAGAACATC TGCAGTCCAC CGTAAAAGC CCCTTACAC GCGCCTTGGG GATAAACAAA
 3841 ATTTTCTAA ATACATTCAA ATATGTATCC GCTCATGAGA CAATAACCCCT GATAAATGCT
 TAAAAAGATT TATGTAAGTT TATACATAGG CGAGTACTCT GTTATTGGGA CTATTACGA
 3901 TCAATAATAT TGAAAAAGGA AGAGTATGAG TATTCAACAT TTCCGTGTCG CCCTTATTCC
 AGTTATTATA ACTTTTCCCT TCTCATACTC ATAAGTTGTA AAGGCACAGC GGGAAATAAGG
 3961 CTTTTTGCG GCATTTGCC TTCCGTTT TGCTCACCCCA GAAACGCTGG TGAAAGTAAA
 GAAAAAACGC CGTAAAACGG AAGGACAAAA ACGAGTGGGT CTTGCGACC ACTTTCATTT
 4021 AGATGCTGAA GATCAGTTGG GTGCACGAGT GGGTTACATC GAACTGGATC TCAACAGCGG
 TCTACGACTT CTAGTCAACC CACGTGCTCA CCCAATGTAG CTTGACCTAG AGTTGCGCC
 4081 TAAGATCCTT GAGAGTTTTC GCCCCGAAGA ACGTTTCCA ATGATGAGCA CTTTAAAGT
 ATTCTAGGAA CTCTAAAAG CGGGGCTTCT TGCAAAAGGT TACTACTCGT GAAAATTCA
 4141 TCTGCTATGT GGCGCGGTAT TATCCGTGT TGACGCCGGG CAAGAGCAAC TCGGTCGCCG
 AGACGATACA CCGCGCCATA ATAGGGCACA ACTGCCGGCC GTTCTCGTTG AGCCAGCGGC
 4201 CATAACTAT TCTCAGAATG ACTTGGTTGA GTACTCACCA GTCACAGAAA AGCATTTAC
 GTATGTGATA AGAGTCTTAC TGAACCAACT CATGAGTGGT CAGTGTCTTT TCGTAGAATG
 4261 GGATGGCATG ACAGTAAGAG AATTATGCAG TGCTGCCATA ACCATGAGTG ATAACACTGC
 CCTACCGTAC TGTCAATTCTC TTAATACGTC ACGACGGTAT TGGTACTCAC TATTGACG
 4321 GGCCAACCTA CTTCTGACAA CGATCGGAGG ACCGAAGGAG CTAACCGCTT TTTTGCACAA
 CCGGTTGAAT GAAGACTGTT GCTAGCCTCC TGGCTTCCTC GATTGGCGAA AAAACGTGTT
 4381 CATGGGGGAT CATGTAACTC GCCTTGATCG TTGGGAACCG GAGCTGAATG AAGCCATACC
 GTACCCCCCTA GTACATTGAG CGGAACCTAGC AACCCCTGGC CTCGACTTAC TTCGGTATGG
 4441 AACCGACGAG CGTGACACCA CGATGCCCTGC AGCAATGGCA ACAACGTTGC GCAAACATT
 TTTGCTGCTC GCACTGTGGT GCTACGGACG TCGTTACCGT TGTGCAACG CGTTTGATAA
 4501 AACTGGCGAA CTACTTACTC TAGCTTCCCG GCAACAAATTA ATAGACTGGA TGGAGGCCGA
 TTGACCGCTT GATGAATGAG ATCGAAGGGC CGTTGTTAAT TATCTGACCT ACCTCCGCCT
 4561 TAAAGTTGCA GGACCACTTC TGCGCTCGGC CCTTCCGGCT GGCTGGTTA TTGCTGATAA
 ATTTCACGT CCTGGTGAAG ACGCGAGCCG GGAAGGCCGA CCGACCAAAT AACGACTATT
 4621 ATCTGGAGCC GGTGAGCGTG GGTCTCGCGG TATCATTGCA GCACTGGGGC CAGATGGTAA
 TAGACCTCGG CCACTCGCAC CCAGAGCGCC ATAGTAACGT CGTGACCCCG GTCTACCATT

FIG. 17

4681 GCCCTCCCGT ATCGTAGTTA TCTACACGAC GGGGAGTCAG GCAACTATGG ATGAACGAAA
 CGGGAGGGCA TAGCATCAAT AGATGTGCTG CCCCTCAGTC CGTTGATACC TACTTGCTTT
 4741 TAGACAGATC GCTGAGATAG GTGCCTCACT GATTAAGCAT TGGTAACTGT CAGACCAAGT
 ATCTGTCTAG CGACTCTATC CACGGAGTGA CTAATTGTA ACCATTGACA GTCTGGTTCA
 4801 TTACTCATAT ATACTTITAGA TTGATTTAAA ACTTCATTTT TAATTTAAAAA GGATCTAGGT
 AATGAGTATA TATGAAATCT AACTAAATTI TGAAGTAAAAA ATTAAATTTT CCTAGATCCA
 4861 GAAAGATCCTT TTTGATAATC TCATGACCAA AATCCCTTAA CGTGAGTTTT CGTTCCACTG
 CTTCTAGGAA AAACTATTAG AGTACTGGTT TTAGGGAATT GCACTCAAAA GCAAGGTGAC
 4921 AGCGTCAGAC CCCGTAGAAA AGATCAAAGG ATCTTCTTGA GATCCTTTTT TTCTGGCGT
 TCGCAGTCTG GGGCATCTTT TCTAGTTCC TAGAAGAACT CTAGGAAAAA AAGACGGCAGA
 4981 AATCTGCTGC TTGCAAACAA AAAAACCAACC GCTACCAGCG GTGGTTTGTG TGCCGGATCA
 TTAGACGACG AACGTTTGTG TTTTGGTGG CGATGGTCGC CACCAAACAA ACGGCCTAGT
 5041 AGAGCTACCA ACTCTTTTTC CGAAGGTAAC TGGCTTCAGC AGAGCGCAGA TACCAAATAC
 TCTCGATGGT TGAGAAAAAG GCTTCCATTG ACCGAAGTCG TCTCGCGTCT ATGGTTTATG
 5101 TGTCTTCTA GTGTAGCCGT AGTTAGGCCA CCACTTCAG AACTCTGTAG CACCGCCTAC
 ACAGGAAGAT CACATCGGCA TCAATCCGGT GGTGAAGTTC TTGAGACATC GTGGCGGATG
 5161 ATACCTCGCT CTGCTAATCC TGTTACCAAGT GGCTGCTGCC AGTGGCGATA AGTCGTGTCT
 TATGGAGCGA GACGATTAGG ACAATGGTCA CCGACGACGG TCACCGCTAT TCAGCACAGA
 5221 TACCGGGTTG GACTCAAGAC GATAAGTACC GGATAAGGCG CAGCGGTGG GCTGAACGGG
 ATGGCCCAAC CTGAGTTCTG CTATCAATGG CCTATTCCGC GTCGCCAGCC CGACTTGGCC
 5281 GGGTTCGTGC ACACAGCCC ACGTGGAGCG AACGACCTAC ACCGAACCTGA GATACTACA
 CCCAACGACCG TGTGCGGGT CGAACCTCGC TTGCTGGATG TGGCTTGACT CTATGGATGT
 5341 GCGTGAGCTA TGAGAAAGCG CCACGCTTCC CGAAGGGAGA AAGGCGGACA GGTATCCGGT
 CGCACTCGAT ACTCTTCGC GGTGCGAAGG GCTTCCCTCT TTCCGCGTGT CCATAGGCCA
 5401 AAGCGGCAGG GTCGGAACAG GAGAGCGCAC GAGGGAGCTT CCAGGGGGAA ACGCCTGGTA
 TTCGCCGTCC CAGCCTTGTC CTCTCGCGT CTCCCTCGAA GGTCCCCCTT TGCAGGACCAT
 5461 TCTTATAGT CCTGTCGGGT TTCGCCACCT CTGACTTGAG CGTCGATTTT TGTGATGCTC
 AGAAATATCA GGACAGCCC AAGCGGTGGA GACTGAACTC GCAGCTAAAA ACACATACGAG
 5521 GTCAGGGGGG CGGAGCCTAT GGAAAACGC CAGCAACGCG GCCTTTTAC GGTCCTGGC
 CAGTCCCCCC GCCTCGGATA CCTTTTGCG GTCGTTGCGC CGGAAAAATG CCAAGGACCG
 5581 CTTTGCTGG CCTTTGCTC ACATGTTCTT TCCTCGGTTA TCCCCTGATT CTGTGGATAA
 GAAAACGACC GGAAAACGAG TGTACAAGAA AGGACGCAAT AGGGACTAA GACACCTATT
 5641 CCGTATTACC GCCTTGAGT GAGCTGATAC CGCTCGCCGC AGCCGAACGA CCGAGCGCAG
 GGCGATAATGG CGGAAACTCA CTGCACTATG GCGAGCGGGC TCGGCTTGCT GGCTCGCGTC
 5701 CGAGTCAGTG AGCGAGGAAG CGGAAGAGCG CCTGATGCGG TATTTCTCC TTACGCATCT
 GCTCAGTCAC TCGCTCCCTC GCCTCTCGC GGACTACGCC ATAAAAGAGG AATGCGTAGA
 5761 GTGCGGTATT TCACACCGCA TATGGTGCAC TCTCAGTACA ATCTGCTCTG ATGCCGCATA
 CACGCCATAA AGTGTGGCGT ATACCACGTG AGAGTCATGT TAGACGAGAC TACGGCGTAT
 5821 GTTAAGCCAG TATACACTCC GCTATCGCTA CGTGACTGGG TCATGGCTGC GCCCCGACAC
 CAATTGCGTC ATATGTGAGG CGATAGCGAT GCACTGACCC AGTACCGACG CGGGGCGTGTG

FIG. 17

5881 CCGCCAAACAC CCGCTGACGC GCCCTGACGG GCTTGTCTGC TCCCCGCATC CGCTTACAGA
 GGCGGTTGTG GGCGACTGCG CGGGACTGCC CGAACAGACG AGGGCCGTAG CGAATGTCT

 5941 CAAGCTGTGA CCGTCTCCGG GAGCTGCATG TGTCAGAGGT TTTCACCGTC ATCACCGAAA
 GTTCGACACT GGCAGAGGCC CTCGACGTAC ACAGTCTCCA AAAGTGGCAG TAGTGGCTTT

 6001 CGCGCGAGGC AGCTGCGGT AAGCTCATCA GCGTGGTCGT GAAGCGATT ACAGATGTCT
 GCGCGCTCCG TCGACGCCAT TTGAGTAGT CGCACCAGCA CTTCGCTAAG TGTCTACAGA

 6061 GCCTGTTCAT CCGCGTCCAG CTCGTTGAGT TTCTCCAGAA GCGTTAATGT CTGGCTCTG
 CGGACAAGTA GGCGCAGGTC GAGCAACTCA AAGAGGTCTT CGCAATTACA GACCGAAGAC

 6121 ATAAAGCGGG CCATGTTAAG GGCGGTTTT TCCTGTTGG TCACTTGATG CCTCCGTGA
 TATTCGCCC GGTACAATTG CCGCCAAAAA AGGACAAACC AGTGAACCTAC GGAGGCACAT

 6181 AGGGGGATT TCTGTTCATG GGGGTAAATGA TACCGATGAA ACGAGAGAGG ATGCTCACGA
 TCCCCCTAA AGACAAAGTAC CCCCATTACT ATGGCTACTT TGCTCTCTCC TACGAGTGCT

 6241 TACGGGTTAC TGATGATGAA CATGCCCGGT TACTGGAACG TTGTGAGGGT AAACAACIGG
 ATGCCCAATG ACTACTACTT GTACGGGCCA ATGACCTTGC AACACTCCC TTTGTTGACC

 6301 CGGTATGGAT GCGGCGGGAC CAGAGAAAAA TCACTCAGGG TCAATGCCAG CGCTTCGTTA
 GCCATACCTA CGCCGCCCTG GTCTTTTT AGTGAGTCCC AGTTACGGTC CGAAGCAAT

 6361 ATACAGATGT AGGTGTTCCA CAGGGTAGCC AGCAGCATCC TGCGATGCAG ATCCGAAACA
 TATGTCTACA TCCACAAGGT GTCCCATCGG TCGTCGTAGG ACGCTACGTC TAGGCCTTGT

 6421 TAATGGTGCA GGGCGCTGAC TTCCGCTTT CCAGACTTTA CGAAACACGG AAACCGAAGA
 ATTACCAACGT CCCGCGACTG AAGGCGAAA GGTCTGAAAT GCTTGTTGCC TTTGGCTTCT

 6481 CCATTGATGT TGTGCTCAG GTCCGAGACG TTTGCAGCA GCAGTCGCTT CACGTCGCT
 GGTAAAGTACA ACAACGAGTC CAGCGTCTGC AAAACGTCGT CGTCAGCGAA GTGCAAGCGA

 6541 CGCGTATCGG TGATTCAATT TGCTAACCAAG TAAGGCAACC CCGCCAGCCT AGCCGGGTCC
 GCGCATAGCC ACTAAGTAAG ACGATTGGTC ATTCCGTTGG GCGGGTCGGA TCGGCCAGG

 6601 TCAACGACAG GAGCACGATC ATGCGCACCC GTGGCCAGGA CCCAACGCTG CCCGAGATGC
 AGTTGCTGTC CTCGTGCTAG TACCGTGGGG CACCGTCCT GGGTTGCGAC GGGCTCTACG

 6661 GCGCGTGGCG GCTGCTGGAG ATGGCGGACG CGATGGATAT GTTCTGCCAA GGGTTGGTTT
 CGCGCACCG CGACGACCTC TACCGCCTGC GCTACCTATA CAAGACGGTT CCCAACCAAA

 6721 GCGCATTCAC AGTTCTCCGC AAGAATTGAT TGGCTCCAAT TCTTGGAGTG GTGAATCCGT
 CGCGTAAGTG TCAAGAGGGC TTCTTAACCA ACCGAGGTTA AGAACCTCAC CACTTAGGCA

 6781 TAGCGAGGTG CGCGCGGCTT CCATTCAAGGT CGAGGGTGGCC CGGCTCCATG CACCGCGACG
 ATCGCTCCAC GGCGGCCGAA GGTAAGTCCA GCTCCACCGG GCCGAGGTAC GTGGCGCTGC

 6841 CAAACGCGGGG AGGCAGACAA GGTATAGGGC GGCGCCTACA ATCCATGCCA ACCCGTTCCA
 GTTGCCTCCCC TCCGTCTGTT CCATATCCCC CGCGGATGT TAGGTACGGT TGGGCAAGGT

 6901 TGTGCTCGCC GAGGCAGGCAT AAATCGCCGT GACGATCAGC GGTCCAGTGA TCGAAGTTAG
 ACACGAGCGG CTCCGCGTA TTTAGCGGCA CTGCTAGTCG CCAGGTCACT AGCTTCAATC

 6961 GCTGGTAAGA GCCGCGAGCG ATCCCTGAAG CTGTCCTGA TGGTCGTCA CTACCTGCCT
 CGACCAATTCT CGCGCGCTCGC TAGGAACCTC GACAGGGACT ACCAGCAGTA GATGGACCGA

 7021 GGACAGCATG GCCTGCAACG CGGGCATCCC GATGCCGCCG GAAGCGAGAA GAATCATAAT
 CCTGTCGTAC CGGACGTTGC GCCCGTAGGG CTACGGCGGC CTTCGCTCTT CTTAGTATTA

FIG. 17

7081 CGGGAAAGGCC ATCCAGCCTC GCGTCGCGAA CGCCAGCAAG ACGTAGCCCA GCGCGTCGGC
 CCCCTCCGG TAGGTCGGAG CGCAGCGCTT GCGGTCGTT TGCATCGGGT CGCGCAGCCG
 7141 CGCCATGCCG GCGATAATGG CCTGCTTCTC GCCGAAACGT TTGGTGGCGG GACCAAGTGAC
 CGGGTACGGC CGCTATTACC GGACGAAGAG CGGCTTGCA AACCAACGCC CTGGTCACTG
 7201 GAAGGCTTGA GCGAGGGCGT GCAAGATTCC GAATACCGCA AGCGACAGGC CGATCATCGT
 CTTCCGAACG CGCTCCCGCA CGTTCTAAGG CTTATGGCGT TCGCTGTCCG GCTAGTAGCA
 7261 CGCGCTCCAG CGAAAGCGGT CCTCGCCGAA AATGACCCAG AGCGCTGCCG GCACCTGTCC
 CGCGGAGGTC GCTTCGCCA GGAGCGGCTT TTACTGGGTC TCGCGACGGC CGTGGACAGG
 7321 TACGAGTTGC ATGATAAAAGA AGACAGTCAT AAGTGCAGCG ACGATAGTCA TGCCCCGCC
 ATGCTCAACG TACTATTCT TCTGTCAGTA TTCACGCCGC TGCTATCAGT ACGGGGCCG
 7381 CCACCGGAAG GAGCTGACTG GGTGAAGGC TCTCAAGGGC ATCGGTCGAC GCTCTCCCTT
 GGTGGCCTTC CTCGACTGAC CCAACTCCG AGAGTTCCCG TAGCCAGCTG CGAGAGGGAA
 7441 ATGCGACTCC TGCATTAGGA AGCAGCCAG TAGTAGGTTG AGGCCGTTGA GCACCGCCGC
 TACGCTGAGG ACGTAATCCT TCGTCGGGTC ATCATCCAAC TCCGGCAACT CGTGGCCGGCG
 7501 CGCAAGGAAT GGTGCATGCA AGGAGATGGC GCCAACAGT CCCCCGGCCA CGGGGCCTGC
 CGGTTCCCTTA CCACGTACGT TCCTCTACCG CGGGTTGTCA GGGGGCCGGT GCCCCGGACG
 7561 CACCATACCC ACGCCGAAAC AAGCGCTCAT GAGCCCGAAG TGGCGAGCCC GATCTTCCCC
 GTGGTATGGG TGCGGCTTG TTCCGCGAGTA CTCGGGCTTC ACCGCTCGGG CTAGAAGGGG
 7621 ATCGGTGATG TCGCGATAT AGGGGCCAGC AACCGCACCT GTGGCCGGG TGATGCCGGC
 TAGCCACTAC AGCCGCTATA TCCGCGGTGG TTGGCGTGG A CACCGCCGGC ACTACGGCCG
 7681 CACGATGCGT CGGGCGTAGA GCGCCACAGG ACGGGTGTGG TCGCCATGAT CGCGTAGTCG
 GTGCTACGCA GCCCGCATCT CGCGGTGTCC TGCCCACACC AGCGGTACTA GCGCATCAGC
 7741 ATAGTGGCTC CAAGTAGCGA AGCGAGCAGG ACTGGGCGGC GGCCAAAGCG GTCGGACAGT
 TATCACCGAG GTTCATCGCT TCGCTCGTCC TGACCCGCCG CGGGTTTCGC CAGCCTGTCA
 7801 GCTCCGAGAA CGGGTGCAGCA TAGAAATTGC ATCAACGCAT ATAGCGCTAG CAGCACGCCA
 CGAGGCTCTT GCCCACGCGT ATCTTAACG TAGTTGCGTA TATCGCGATC GTCGTGCGGT
 7861 TAGTGACTGG CGATGCTGTC GGAATGGACG ATATCCCGCA AGAGGCCGG CAGTACCGGC
 ATCACTGACC GCTACGACAG CCTTACCTGC TATAGGGCGT TCTCCGGGCC GTCATGGCCG
 7921 ATAACCAAGC CTATGCCTAC AGCATCCAGG GTGACGGTGC CGAGGATGAC GATGAGCGCA
 TATTGGTTCG GATAACGGATG TCGTAGGTCC CACTGCCACG GCTCCTACTG CTACTCGCGT
 7981 TTGTTAGATT TCATACACGG TGCGTACTG CGTTAGCAAT TTAACTGTGA TAAACTACCG
 AACAAATCTAA AGTATGTGCC ACGGACTGAC GCAATCGTTA AATTGACACT ATTTGATGGC
 1041 CATTA
 GTAAT